

A-Core Container

Small mobile superconducting magnetic energy storage



Overview

Due to the energy requirements of refrigeration and the high cost of superconducting wire, SMES is currently used for short duration energy storage. Therefore, SMES is most commonly devoted to improving power quality. Specific energy 4–40 kJ/kg · 1–10 /Energy density less than 40 kJ/L Specific power ~10000–100000 kW/kg Charge/discharge efficiency 95% Watch full video Overview Superconducting magnetic energy storage (SMES) systems are created by the flow of current in a coil that has been cooled to a temperature below its.

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For catalog requests, pricing, or partnerships, please visit:
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